

LISTING OF THE CLAIMS

The following is a complete listing of the pending claims:

1. (Previously Presented) A power supply, comprising:
 - a mode setting unit for outputting a control signal according to a display mode;
 - an inverter control unit for selectively outputting a timing signal received from the outside according to the control signal from the mode setting unit; and
 - an inverter which is operated in a synchronous mode when the timing signal is received from the inverter control unit, and in an asynchronous mode when the timing signal is not received from the inverter control unit.
2. (Original) The power supply as claimed in claim 1, wherein the timing signal is a gate select signal or data clock signal.
3. (Original) The power supply as claimed in claim 1, wherein the timing signal is a vertical or horizontal synchronous signal.
4. (Previously Presented) A liquid crystal display device, comprising:
 - a liquid crystal module including a liquid crystal panel, a gate driving unit for delivering scanning signals to the liquid crystal panel, and a data driving unit for delivering image signals to the liquid crystal panel;
 - a timing controller for providing a timing signal used to control display of an image in the liquid crystal module;
 - a mode setting unit for outputting a control signal according to a display mode;
 - an inverter control unit for selectively outputting the timing signal received from the timing controller according to the control signal from the mode setting unit;
 - an inverter which is operated in a synchronous mode when the timing signal is received from the inverter control unit, and in an asynchronous mode when the timing signal is not received from the inverter control unit; and
 - a lamp which is operated at a relevant frequency according to the operation mode of

the inverter,

wherein the lamp emits light in synchronism with the timing signal during the synchronous mode and asynchronously with the timing signal during the asynchronous mode.

5. (Original) The liquid crystal display device as claimed in claim 4, wherein the timing signal is a gate select signal or data clock signal.

6. (Original) The liquid crystal display device as claimed in claim 4, wherein the timing signal is a vertical or horizontal synchronous signal.

7. (Original) The liquid crystal display device as claimed in claim 4, wherein the mode setting unit is included in the timing controller.

8. (Previously Presented) A method of driving a liquid crystal display device to display an image, comprising the steps of:

(a) outputting a control signal according to a display mode;

(b) selectively outputting, by an inverter controlling unit, a timing signal received from the outside according to the control signal; and

(c) driving, by an inverter, a lamp in synchronism with the timing signal during a synchronous mode when the timing signal is input from the inverter control unit and in asynchronism with the timing signal during an asynchronous mode when the timing signal is not input from the inverter control unit.

9. (Cancelled)

10. (Previously Presented) The method as claimed in claim 8, wherein step (a) comprises the steps of outputting a first level control signal when the display mode is the moving-image mode, or outputting a second level control signal when the display mode is the still-image mode.

11. (Previously Presented) The method as claimed in claim 10, wherein step (b) comprises the steps of outputting the timing signal received from the outside when the second level control signal is applied, or not outputting the timing signal received from the outside when the first level control signal is applied.
12. (Original) The method as claimed in claim 8, wherein the timing signal is a gate select signal 2 or data clock signal.
13. (Original) The method as claimed in claim 8, wherein the timing signal is a vertical or horizontal synchronous signal.
14. (Previously Presented) The power supply as claimed in claim 1, wherein the display mode is either a moving-image or a still-image mode.
15. (Previously Presented) The liquid crystal display device as claimed in claim 4, wherein the display mode is either a moving-image or a still-image mode.
16. (Previously Presented) The liquid crystal display device as claimed in claim 15, wherein the operation of the lamp is synchronized with the timing signal when the display mode is the still-image mode.
17. (Previously Presented) The method as claimed in claim 8, wherein the display mode is either moving-image or still-image mode.